

User Manual

eclipse EXPLORER



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PRECAUTIONS

Preface

Thank you for purchasing this AgfaPhoto digital video camera. Please read this manual carefully and keep it in a safe place for future reference.

Copyright

Copyright 2011 RedDot Imaging All rights reserved.

No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form, by any means, without the prior written permission of RedDot Imaging.

Trademarks

All trademarks mentioned in this manual are used for identification purposes only and are properties of their respective owners.

About this manual

This manual provides you with instructions on how to use your AgfaPhoto digital video camera. Every effort has been made to ensure that the contents of this manual are accurate, however RedDot Imaging reserves the right to make changes without notice.

Symbols used in this manual

Throughout this manual, the following symbols are used to help you locate information quickly and easily:



Indicates important information.



Indicates precautions to be taken while operating the video camera.

WARNING

Do not expose the video camera battery pack or other accessories to rain or humidity to reduce the risk of fire hazard or electric shock fire hazard or electric shock.

For customers in the U.S.A.

Tested To Comply With FCC Standards

FOR HOME OR OFFICE USE

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

For customers in Europe



"CE" mark indicates that this product complies with the European requirements for safety, health, environment and customer protection. "CE" marked video cameras are intended for sales in Europe.



This symbol [crossed-out wheeled bin WEEE Annex IV] indicates separate collection of waste electrical and electronic equipment in the European countries. Please do not throw the equipment into the trash. Please electronically recycle responsibly.

Declaration of Conformity

Model Name: eclipse EXPLORER

Trade Name: AgfaPhoto

Responsible Party: RedDot Imaging

Address: RedDot Imaging, 2275 NW 84thAve, Doral, FL 33122.

Customer Care Hotline:

Service & Repair Hotline (USA):
1-855-243-2937 (from a landline only)

Service & Repair (UK):
+44 1908 488676

Online Service / International contact:
customersupport@reddotimaging.com

For repair and service in all other countries, please refer to the warranty pamphlet for additional information.

SAFETY PRECAUTIONS

Video camera notes:

Do not store or use the video camera in the following types of locations:

- In direct sunlight for a long period of time or high temperature (beyond 40°C);
- In environments with high magnetic fields;
- In very humid and dusty places;

Doing so may shorten the life of the digital video camera or allow foreign materials to enter which could damage the internal components.

If the video camera will not be used for a long period of time, we suggest you download photos and remove the memory card.

If the video camera is taken from a relatively cool environment (lower than 40°C/104°F), and placed in a warmer or more humid atmosphere, condensation may occur within the appliance. We suggest you wait for it to warm to room temperature before turning on the video camera.

General Imaging is not responsible for any loss of data.

Memory card notes:

When using a new memory card, or a memory card has been initialized by a PC, you might have to format the card if the camera is not reading it. However, please back up any data on the card as the formatting will delete all data on the card.

To edit image data, copy the image data to PC first.

Do not change or delete the folder names or file names in the memory card from your PC, as this may make it unusable and/or unreadable.

Only remove and insert a memory card when the camera is off as data loss and/or corruption may occur otherwise.

Do not turn the camera off when the firmware is being updated or there may be data or picture loss and/or corruption.

The memory card can be inserted only one way into the camera.

LCD screen notes:

Due to current LCD manufacturing technology, you may see a few light or dark pixels on your LCD. This is normal.

These light or dark pixels will not affect the quality of the photo or video image.

If the LCD screen is damaged, take particular care with the liquid crystal in the screen. If any of the following situations arise, take the recommended immediate action indicated below:

- If liquid crystal comes in contact with your skin, wash thoroughly with soap and running water.
- If liquid crystal gets into your eye, flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed, flush your mouth thoroughly with water and try to induce vomiting. Then seek medical assistance immediately.

Please read the following important information carefully before using the product:

- Do not disassemble or attempt to service the video camera yourself.
- Do not drop or knock the video camera. Improper handling may damage the product as it will void the warranty.
- Turn off the video camera before inserting or removing the memory card.
- Do not touch the video camera lens.
- Do not expose the video camera lens to direct sunlight for extended periods.
- Do not use abrasive cleansers, alcohol-based, or solvent based cleaners to clean the video camera body. To clean, wipe the video camera lens with a professional lens cleaning cloth and special cleaning agent for cameras and electronics.

Water & Dust Proof Precautions

Water & Dust Proof

- The video camera meets JIS/IEC waterproof grade 8 (IPX8) and JIS/IEC dustproof grade 6 (IPX6).
- The accessories included with the video camera are not for use in wet conditions.

Precautions Before Using

- Please make sure that the SD cover and HDMI/USB interface cover (hereinafter referred to as “interface cover”) are locked securely.
- The rubber mating surfaces on the covers and doors should be clean and free of foreign matter to insure a tight seal.
- Unit with damaged waterproofing rubber should not be used in wet conditions.
- Don't use the video camera in a geothermal spring.
- When using the video camera in water, a wrist strap should be used.

Precautions When Using

- Don't use the video camera below 5 meters (approximately 15 feet) underwater.
- Don't use the video camera under water for more than 2 hours.
- The camera should not be dropped into water. Avoid jumping or diving into water with the camera as the SD cover or interface cover may open on impact.
- Don't open the SD cover or interface cover underwater .

Maintenance Precautions After Using

- Wipe the video camera with a clean, dry lint free cloth.
- When the SD cover or interface cover is opened, there may be water drops on the inside of the SD cover or interface cover and on the contact surface of video camera body; make sure to dry it out.
- After using the video camera in the water or near sand, mud or other foreign materials, please wash it with clean water (don't open the SD card cover or interface cover when cleaning). After cleaning, wipe out the video camera with a clean and dry lint free cloth.
- To help ensure the camera's waterproof ability, wipe off any dust, sand or other foreign materials from the rubber gaskets and corresponding slot areas.
- Don't use any chemical agents to clean the camera. Do not use silicone grease on the rubber.



Damaged waterproofing rubber gaskets with cracks or scratches will allow the entrance of water into the camera. Contact customer service for service.

GETTING STARTED

Accessories

Your package should contain the video camera model you purchased along with the items below. If anything is missing or appears to be damaged, please contact our customer service department.



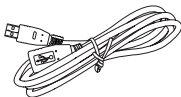
Warranty Card



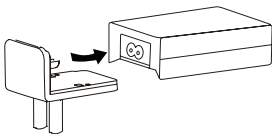
Quick Guide



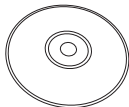
Wrist Strap



USB Extension Cable

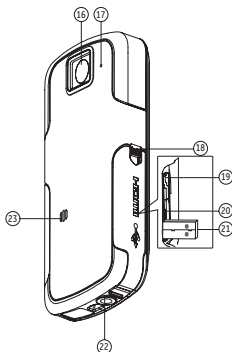
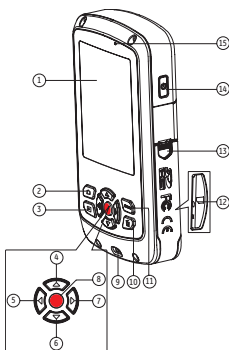


AC adapter



CD-ROM

Each Component Name



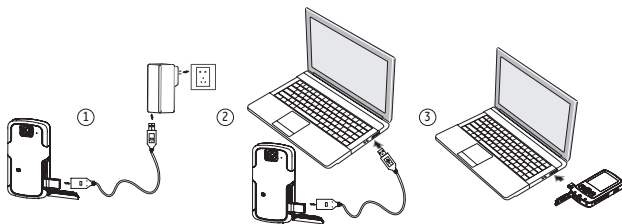
1	LCD Screen	13	SD Card Slot Switch
2	Shooting Button	14	Power Button
3	Playback Button	15	Status Indicator
4	Up Button / Zoom in Button	16	Lens
5	Left Button / Disp	17	Microphone
6	Down Button / Zoom out Button	18	USB/HDMI Card Slot Switch
7	Right Button / White Balance	19	USB lock
8	OK Button / Record Button	20	HDMI Interface
9	Wrist Strap Hole	21	USB Jack
10	Delete Button	22	Tripod Socket
11	Menu Button	23	Speaker
12	SD Card Slot		

Charge and Insert SD Card

Charge:

This video camera has an internal battery. You can use the following three methods to charge the video camera:

1. Use the USB cable to connect the video camera with the adapter see figure [1];
2. Use the USB cable to connect the video camera to the PC see figure [2];
3. Connect the USB connector to PC directly see figure [3].



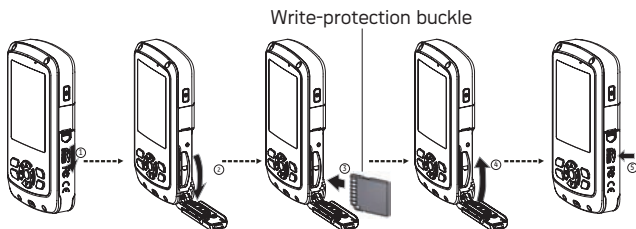
It should charge for about 4 hours for the first time, and the status indicator will turn green when the battery is fully charged.



If you use method [1] to charge, the charging time is 3 hours. If you use method [2] or [3] to charge, the charging time is 5 hours.

Insert SD/SDHC Card

1. Open SD Card Cover according to ①,②;
2. Insert SD Card according to ③;
3. Close SD Card Cover according to ④, ⑤.



After opening the buckle on the SD Card Cover according to the arrow direction shown in the figure ①, SD Card Cover will open automatically. To remove SD card, gently press it to pop it out.



Optional SD/SDHC cards are not included in the accessories and must be purchased separately.



When selecting above HD size (1920X1080, 1440X1080, 1280X720) to record video, please use High Speed Card (above Class 4).



When taking video, if "Memory card accessing is slow" on the LCD screen, please select High Speed Card or format this card, then take video.


Turning On/Off

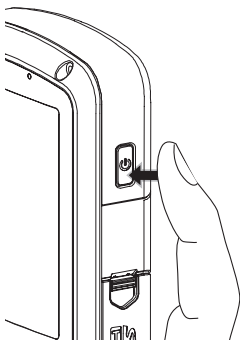
Press the Power button to turn the video camera on/off.

When the power is off, press the Power button for to turn the video camera on.

When the power supply is on, press the Power button for to turn the video camera off.



If there is no response on the video camera, press and hold the power button and the  button for at least two seconds to reset and power off.



Setting Language and Date/Time



Language, Date / Time setting menu will appear when turning the video camera on for the first time.

Use the following procedures to set the camera to your preferences:

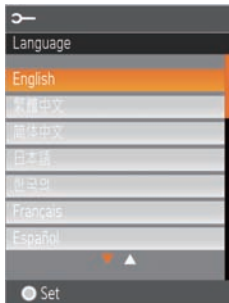
1. Press **Power** button to turn the video camera on.
2. Press ▲▼◀▶ button to select the settings.
3. Press ● button to confirm the settings.

Set Display Language





1. Press **menu** button to enter the setting menu.
2. Press **◀▶** to select **🔑** menu;
Press **▲▼** to select **Language** option.



3. Press **●** button to enter the setting interface.
4. Press **▲▼** to select language of choice.
Then press **●** button to return to the menu; or press **menu** button to return to the shooting screen.



Set Date and Time

1. Press **menu** button.
2. Press **◀▶** to select  menu;
Press **▲▼** to select **Date / Time** option.
3. Press  button to enter the Set Date/Time program.
4. Press **▲▼** to select function option or select **,**, press  button to return to the menu;
Press **◀▶** to select the value;
Or press **menu** button to return to the shooting screen.
5. Press  button to store the value, press **menu** button to return to the shooting screen.



Date format is: M-D-Y;
Time format is: 24 hour format



When selecting the option, the screen will display the icons with the following Two colors:



White: Can't be selected





Orange: Current selection



BASIC OPERATION



Movie Recording

This function can take movies.


1. Press **Power** button to turn the video camera on.
2. Press  button to begin taking video.
3. Press  button to end the video shooting.

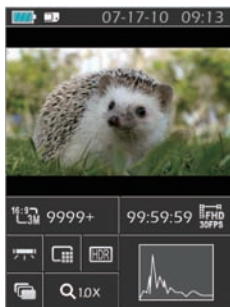
Zoom Function

Press   button to zoom in or zoom out:

-  : Digital Zoom in
-  : Digital Zoom out



In the process of digital zoom changing, digital zoom is displayed as an orange icon .



White Balance

With White Balance, users can adjust the color temperature under different light sources to ensure correct color.

Press ► button to scroll through the White Balance options, available options include:



White Balance: Auto



White Balance: Daylight



White Balance: Cloudy



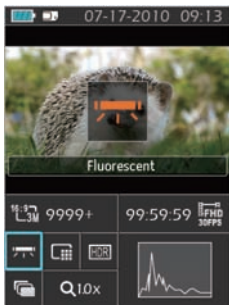
White Balance: Fluorescent



White Balance: Incandescent




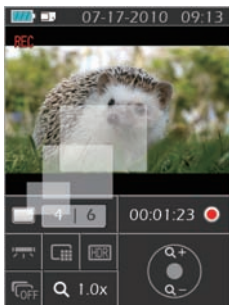
White Balance: Underwater



Shooting While Recording

You can take photos while recording video.

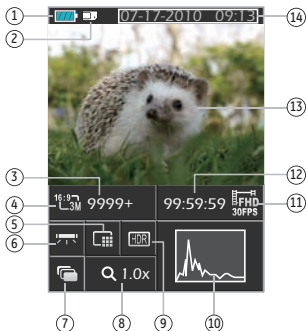
During the process of recording video, press  button to take photos.



LCD Screen Display in Different Modes

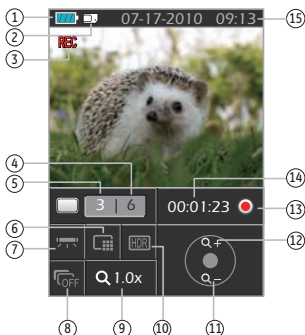
Shooting Screen:

1. Battery status indicator
2. Memory card
3. Remaining number of pictures
4. image resolution
5. Image Quality
6. White Balance
7. Continuous Shot
8. WT Ratio
9. HDR
10. Histogram
11. Video Quality
12. Remaining video time
13. Face Detection
14. Shooting date and time



Video Recording:

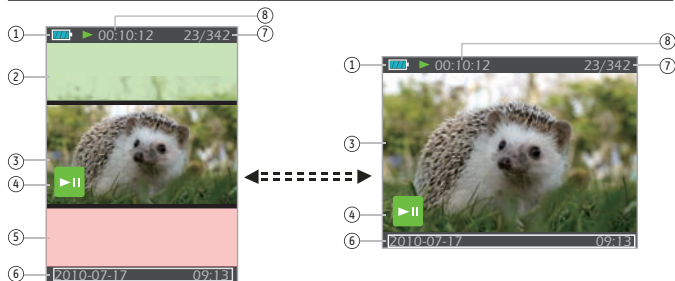
1. Battery status indicator
2. Memory card
3. During recording
4. The number of available photos
5. The number of photos have been taken
6. Image Quality
7. White Balance
8. Continuous Shot
9. WT Ratio
10. HDR
11. Zoom out
12. Zoom in
13. Video Recording Indicator
14. Video shooting time (during shooting)
15. Shooting date and time



Using this facility, the number of shots is limited by the file size of the single frames.

Vertical

Horizontal



Playback:

1. Battery status indicator
2. Previous photo/video
3. Selected film /image
4. Video file reminder display
5. Next photo/video
6. Shooting date and time
7. Ranking order/number of the current photos
8. Film length

DISP

In shooting mode press ◀ / DISP button, you can switch the screen between the following two screens:



Display One









Display Two

PLAYBACK

Preview Photos and Videos






You can view photos and videos either vertically or horizontally when in playback mode.



1. Press  button.
2. Vertical: Press   button to select the previous /next photo /video;
Horizontal: Press   button to select the previous /next photo /video.
3. Play the selected video, press  button to enter the playback mode.



Video:

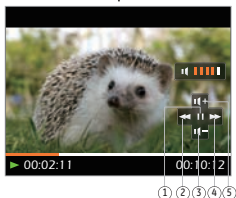
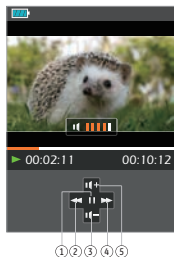
In the playback mode, each button description is shown as follows:

- | | | | |
|---|-----------------|---|-----------------|
| 1 | Pause | 4 | Fast Forward |
| 2 | Fast Backward | 5 | Increase Volume |
| 3 | Decrease Volume | | |

When playing videos, the operation guides will appear on the screen. Press  button to play or pause. When viewing in horizontal mode, the operation guides and time access will not automatically display. Press     to display them).

While the video is playing, press  button to fast forward the video, or press  to fast reverse it.

In the Pause screen, press  button to switch to the previous frame photo; press  button to switch to the next frame photo.





When playing in the video mode, press  button to return to Playback screen.



In the Pause screen, press  button to return to **Playback screen**.




In the **Playback mode**, only the first frame is displayed on the video.














Fast Forward display: 2x / 4x / 8x / 16x
Fast Backward display: 2x / 4x / 8x / 16x.

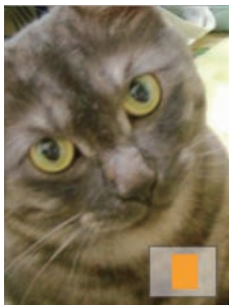


When the video camera is turned off, press  button for 2 sec to turn it on, and enter the Playback mode.

Zoom in Photos

In the Playback mode, images can be magnified up to 4x by using the function button.

1. Press  button to return to the Playback mode.
2. Vertical: Press   button to select a photo; Horizontal: Press   button to select a photo.
3. Press  button to magnify photos up to 4x See note below.
4. Press     button to move the position of display area.
5. Press  button again to return to the Playback screen (the original size).




Zooming facility can only be used on still images. It is not possible on video playback.





The maximum zooming capacity is 4x in this mode.

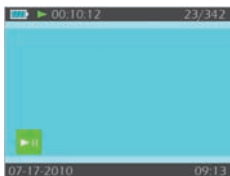


Screen Display in the Playback Mode






Pressing  button to display the following modes (the picture is displayed in horizontal position):

Playback screen:

When shooting, press  button to return to the Playback mode; press  button to return to the Shooting screen.





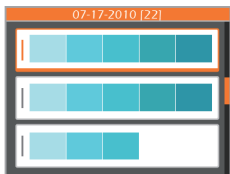
Thumbnail:

When in the playback mode, press  button, 3x3 thumbnails will display on the screen, pressing     button to select the photo or video to be viewed.





Date Folder:


When in Thumbnail mode, press  button, the thumbnails will be sorted per shooting date; or press  button to return to the Playback screen.



Date Folder Thumbnail:


With the Date Folder is displayed on the screen, press  button to enter the Date Folder Thumbnails (only photos in the Date Folder are displayed); or press  again to return to the Playback screen.












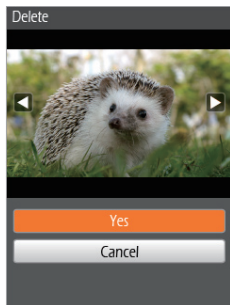
When 3X3 Thumbnail and Date Folder Thumbnail display on the screen, pressing  button can enter date folder screen.



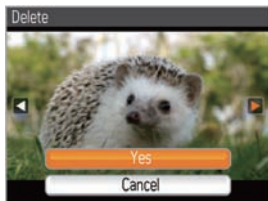
Delete Photos and Videos

In the Playback mode (Playback screen / Thumbnail / Date Folder / Date Folder Thumbnail) mode, pressing  button can delete the current selected photo/video.

1. Press  button to return to the Playback mode (Playback screen / Thumbnail / Date Folder / Date Folder Thumbnail).
2. Press     button to select the photo/video to be deleted.
3. Press  button to display the information to be deleted on the screen.
4. Press   button to select Yes or Cancel:
Yes: Deletes the current selected photo/video; Cancel: Returns to the previous screen.
5. Press  button to save setting and return to the Playback mode.



Erased photos/videos cannot be recovered.






MENU SETUP






Photo Setup

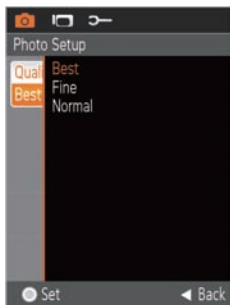
Mode:

Press **menu** button to enter Setup menu.

1. Select  menu.
2. Press   button to select the option in the **Photo Setup** menu or press **menu** button to return to the Shooting screen.






3. Press the  button to enter the options menu once you have selected an option within Photo Setup.
4. Press   to select option.
5. Press  button to select and return to the **Photo Setup** menu; or press  button to return to the menu; or press **menu** button to return to the Shooting screen.



Quality

The **image quality** menu adjusts the compression ratio of the images. Higher quality settings give better photos, but will take up more memory space.

There are three options for Image Quality:

-  Quality: Best
-  Quality: Fine
-  Quality: Normal

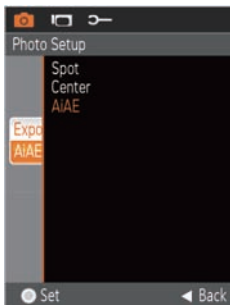


Exposure Metering

This specifies the area of the picture that the camera uses to correctly expose the picture.

There are three options for Exposure Metering:

- Exposure Metering: Spot - this uses one point in the frame, usually the center of the frame, to determine correct exposure.
- Exposure Metering: Center - this uses the center of the frame to determine correct exposure.
- Exposure Metering: AiAE - this uses multiple areas of the frame to "intelligently" determine correct exposure.

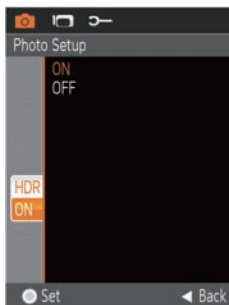


HDR



HDR (High Dynamic Range) automatically takes multiple exposures of the same picture and overlaps them to lighten dark areas and darken light areas, thereby correcting exposing the picture.

There are two options for HDR:

- HDR: ON
- HDR: OFF



Continuous Shot

Continuously hold down  button to perform continuous shooting; to stop, please release  button.

The **Continuous Shot** has two options:

- Continuous Shot: ON
- Continuous Shot: OFF



Date Imprint

Saves the date and time data with the picture.

There are three options for Imprint Date:

- Imprint Date: Date / Time
- Imprint Date: Date
- Imprint Date: OFF



Movie Setup

Mode: ●

Press **menu** button to enter Setup menu.

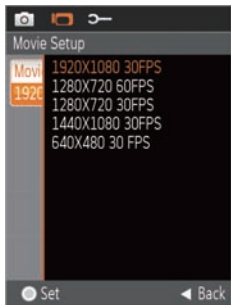
1. Press ◀▶ button to select **Movie** menu.
2. Press ▲▼ button to select the option in the **Movie Setup** menu or press **menu** button to return to the Shooting screen.



3. Press ● button to enter the setting interface of corresponding options in the **Movie Setup** menu.
4. Press ▲▼ to select value.
5. Press ● button to save value and return to the **Movie Setup** menu; or press ◀ button to return to the menu; or press **menu** button to return to the Shooting screen.



Motion Recording can't be recorded with no SD/SDHC card inserted.



Movie Resolution

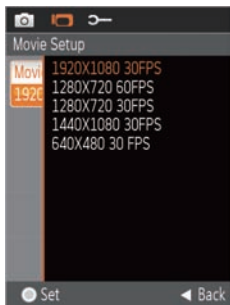
Size setup refers to movie Solution ratio expressed in pixels.

The Movie Resolution has five options:

- 1920X1080: 30FPS
- 1280x720: 60FPS
- 1280x720: 30FPS
- 1440X1080: 30FPS
- 640x480: 30FPS



HD recording time limited to below 29min.

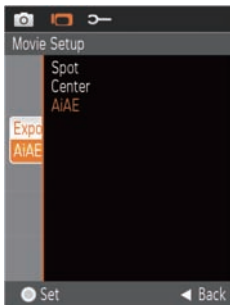


Exposure Metering Modes

Exposure Metering is used to setup an area for the exposure to be obtained.

There are three options for Exposure Metering:

- Exposure Metering: Spot
- Exposure Metering: Center
- Exposure Metering: AiAE

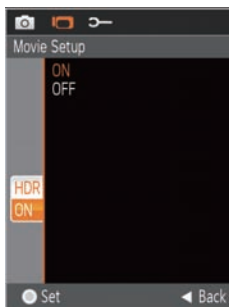


HDR

HDR (High Dynamic Range) takes several exposures and overlaps them. This lightens darker areas of the photo and darkens lighter areas, thereby correctly exposing the picture.

There are two options for HDR:






- HDR: ON
- HDR: OFF










General Setup

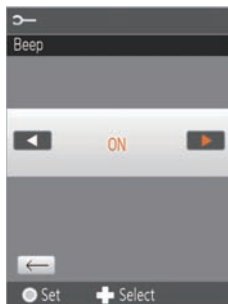
Mode:   

Press **menu** button to enter Setup menu.

1. Press   button to select  menu.
2. Press   button to select the options in the **General Setup** menu.



3. Press  button to enter the menu of corresponding options in the **General Setup** menu.
4. Press   to select function option or select , press  button to save selection and return to the menu; press   to select the menu option; or press **menu** button to return to the shooting screen.
5. Press  button to save the menu option, press **menu** button to return to the Shooting screen.

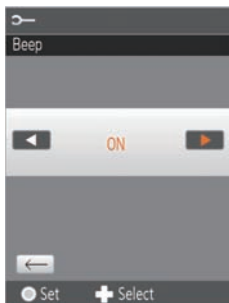


Beep Setup

Use **Beep Setup** to adjust the volume of beep when buttons are pressed.

There are two options in **Beep Setup**:

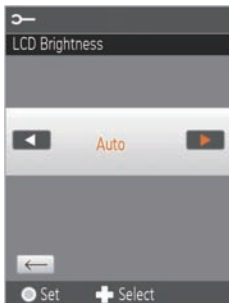
- ON
- OFF



LCD Brightness

Use **LCD Brightness** to adjust the brightness of your screen.



In the **LCD Brightness** screen, press ◀▶ button to select auto or different brightness ratio, press ● button to save the menu option. Press menu button to return to the Shooting screen.



World Time

When overseas, adjust the **World Time** setting to the time zone of the city nearest you.

There are two options in **World Time**:

-  Location
-  Travel Target



Power Saver

Use the **Power Saver** function to prolong battery life between charges.

The **Power Saver** function has two options:

- ON
- OFF



When power saving function is turned on, the screen will automatically turn off after one minute and the video camera will automatically turn off after three minutes.



Firmware Version

Use this option to view the current **Firmware version** of the video camera.

There are two options in **Firmware Version**:

- FW Update (can update the version with the new version on SD card)
- Cancel

To check if there is a newer Firmware version available, please go to:
www.reddotimaging.com. Firmware versions are available under 'Support'.



The firmware update can't be completed if the battery is not sufficiently charged.



Format Memory

Use **Format Memory** function will delete all data in the storage card and internal memory.

There are two options in **Format Memory**:

- Yes
- No



When there is no memory storage card in the camera, Format Memory will format the internal memory. If there is a memory card in the camera, Format Memory will only format the memory storage card.

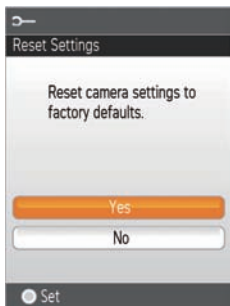


Reset

Use the **Reset** function to set the video camera to factory default values.

The **Reset** has two options:

- Yes
- No



Copy to Card

Use **Copy to Card** function to copy the files stored in the internal memory card to storage card.

The **Copy to Storage Card** has two options:




- Yes
- No



Playback Setup

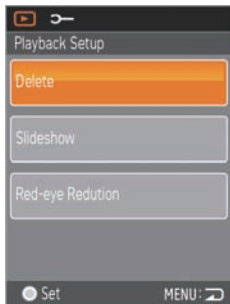
Mode:

In Playback mode, Press **menu** button to enter Setup menu.

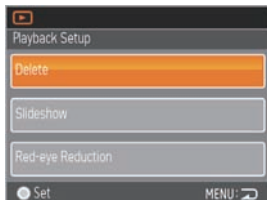
1. Select  menu.
2. Press   button to select the options in the Setup menu.

The **Playback Setup** has three options:

- Delete
- Slide Show
- Red-eye Reduction



In the Playback mode, press **menu** button, Note this function will only display in the horizontal mode..

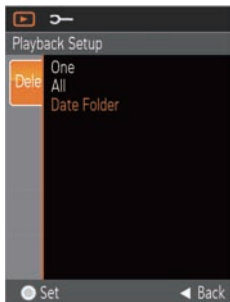


Delete

Using this function will delete the photos/videos stored in the internal memory or storage card.

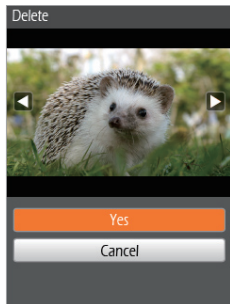
The **Delete** has three options:

- One
- All
- Date Folder



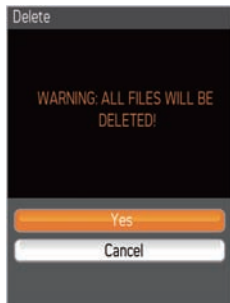
Delete One:

1. Press button to select Delete option, press button to enter the setup interface.
2. Select One options, press button to save the setting value and enter function selection interface.
3. Press button to select Yes or Cancel to return to the menu.
4. Press button to save the menu option and return to the Playback Setup menu, press button to return to the Shooting screen.



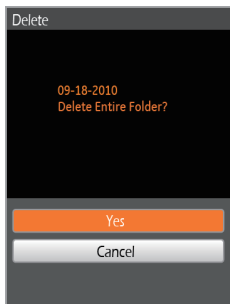
Delete all:

1. Press ▲▼ button to select Delete option, press ● button to enter the setup interface.
2. Select all options, press ● button to save the setting value and enter function selection interface.
3. Press ▲▼ button to select Yes or Cancel to return to the menu.
4. Press ● button to save the menu option and return to the Playback Setup menu, press menu button to return to the Shooting screen.






Delete Date Folder:

1. Press ▲▼ button to select Delete option, press ● button to enter the setup interface.
2. Select Date Folder option, press ● button to enter Date Folder selection interface.
3. Press ▲▼ button to select the Date Folder to be deleted, press ● / 🗑 button to display the deleted information on the screen.
4. Press ▲▼ button to select Yes or Cancel to return to the menu. Press ● button to save the menu option and return to the Playback Setup menu, press menu button to return to the Shooting screen.





Slide Show



This function displays images in sequence at regular intervals (internal memory card or storage).

1. Select **Slide Show** option, press  button to save the setting value to enter the function selection interface.
2. Press  button to select Start or Cancel to return the menu.
3. Press  button to start playing.



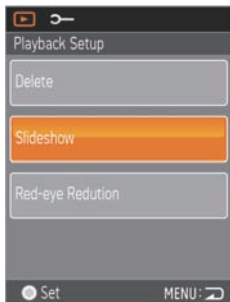
Only Horizontal mode is used for slide playing.

4. Press  button again to stop playing.
5. Press  button to select:

-  Continue to Start
-  Return to the Playback screen



The default playing interval time of slide is 3 seconds.



Red Eye Removal

Use Red Eye Removal function to remove red-eyes in your photos.

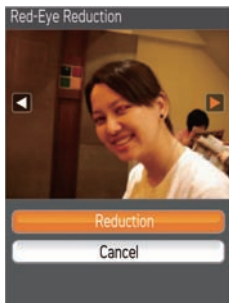
1. Press ▲▼ button to select **Red Eye Removal** option, press ● button to enter the setup interface.
2. Press ▲▼ button to remove or cancel to return the menu; press ◀▶ button to select a photo.
3. After pressing ● button, the original file will be overwritten.



Red eye reduction does not work for video files.



If there is no red eyes in the image, press ● button after selecting “Remove”, such prompt will appear on the screen: red eye is not detected!



CONNECTION

Connecting to TV Output with HDMI

Photos and videos can be viewed on a TV using the HDMI interface. By connecting to your TV with an HDMI cable (sold separately) the camera will automatically enter the Playback Screen. If the connection is unsuccessful an error message will display.

If 1080i is supported, the images will display on the TV when connection is successful. If 1080i is not supported, the highest resolution supported by the TV will be selected automatically. The video camera will turn off automatically after pulling HDMI cable out.



Enter the Playback screen:

Press ◀ ▶ button to select the previous/next photo/video:

-  : Photo
-  : Video

Press ▼ button to start /stop slide playing.



When the video camera is connected with TV successfully, the playback screen will display on the TV.

When video (📺) file appears on the Playback screen, pressing ● button will start/stop playing video.



When playing video, the functions of ▲▼◀▶ and ● are the same as playing video in the video camera (refer to P27).



When playing video, press ● button to pause first, then press ▼ button to return to the Single Playback screen.

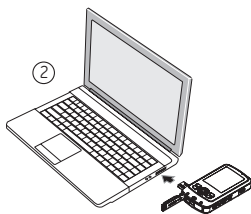
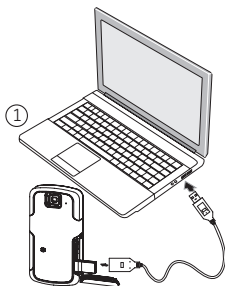


Connecting to a PC with USB

Copy photos and videos in the video camera to a PC according to the following steps:

1. Open USB/HDMI port cover.
2. Push buckle to pop-up USB interface.
3. Use USB cable to connect the video camera with a PC (1) or connect USB connector with a PC directly (2).

This video camera supports (Windows 2000, Windows XP, Windows Vista, Windows 7).



APPENDICES

Specifications: eclipse EXPLORER



Design and specifications are subject to change without notice.

Active Image Sensor Pixels		5.03 Megapixels
Total Image Sensor Pixels		5.08 Megapixels [1/2.5" CMOS]
Lens	Focal Length	5.5mm
	[35mm film equivalent]	33mm
	F number	2.8
	Lens Construction	4P
	Focusing Range	150cm ~ ∞
Anti-Handshake		Digital Image Stabilization
Digital Zoom		4x Digital Zoom
Number of Recording Pixels	Movie	1920x1080pixels: 30fps, 1440x1080pixels: 30fps, 1280x720pixels: 60fps, 1280x720pixels: 30fps, 640x480pixels: 30fps
	Still Image	[4:3]5MP: 2592x1944, [16:9]3MP: 2560x1440
	Still Image in video	The Resolution of Still Photo Captured While Video Recording is Same as Video Resolution
Image Compression		Best, Fine, Normal
File Format	Movie	Movie Format: MOV (H.264), Audio: AAC [Monaural]
	Still Image	Exif 2.2 (JPEG)

Shooting Modes	Auto
Detection Features	Face
Red-Eye Removal	Yes
Waterproof	Up to 5m
Shockproof	Up to 1.5m
Dustproof	Equivalent to JIS/IEC (IP6X)
LCD Display	2.5inch (230k Pixels)
ISO Sensitivity	Auto (100 ~ 800)
Exposure Metering Method	Artificial Intelligence AE (AiAE), Center-weighted Average, Spot (Fixed to Center of Frame), Face AE
Exposure Control Method	Program AE (AE-Lock Available)
AE Range	LV5 ~ LV16
Playback Modes	Single Photo, Index (9/16 Thumbnails), Slide Show, Movie, Date
	Zoom (Approx. 4x), Histogram Display
	Fast Forward/Fast Rewind 2x/4x/8x/16x Per Frame

White Balance Control	Auto(AWB), Daylight, Cloudy, Fluorescent, Incandescent, Underwater
Continuous Shooting	Approx. 7.3fps (Large/Fine Mode)
Recording Media	Internal Memory: Approx. 26MB
	SD/SDHC Card (Up to 32GB Support) [Nonsupport MMC Card]
Other Features	Multi-Language Support (28 Languages)
Jacks	USB Arm, HDMI (Type C)
Power	Rechargeable Li-ion Battery SKL-50, 3.7V 880mAh, In-Camera Charging
Shooting Capability (Battery Performance)	Approx. 260 Shots (Based on CIPA Standards)
	Approx. 70 min for Video (@1080p/30fps)
Operation Environment	Temperature: 0~40°C, Humidity: 0~90%
Dimensions (WxHxD)	Approx. 105.0x55.5x20.1mm (Based on CIPA Standards)
Weight	Approx. 155g (Body Only)
Supplied Accessories	AC adapter, USB Extension Cable Wrist Strap, CD-ROM Quick Start Guide, Warranty Card

Error Messages

Messages	Explanation
Warning! Battery exhausted	<ul style="list-style-type: none">• Battery is depleted, connect the camera to a power source and wait until fully charged to resume using
No picture	<ul style="list-style-type: none">• There are no pictures or videos in the memory card or in the internal memory
Pull USB out	<ul style="list-style-type: none">• Remove the USB cable or connector after ensuring you have safely disconnected the hardware on your system
Connection failed	<ul style="list-style-type: none">• Camera is not properly connecting to TV or computer. USB mode may be incorrect or USB port may be damaged. Please try again
File can't be recognized	<ul style="list-style-type: none">• Camera can't recognize such file format
Warning! Don't power off when upgrading!	<ul style="list-style-type: none">• Please don't power the video camera off when upgrading software
Software update failed	<ul style="list-style-type: none">• Update for software that controls camera was not successfully installed• Software version is incorrect. Please download latest version

Messages	Explanation
Internal memory card full	<ul style="list-style-type: none"> The internal memory is full and cannot store any new files. Copy files to PC and delete from camera or insert a new memory card
Memory card full	<ul style="list-style-type: none"> Memory card is full and cannot store any new files. Copy files to PC and delete from card or insert a new memory card
Write protection of memory card	<ul style="list-style-type: none"> Memory card lock is switched to protection mode. Take out the memory card and unlock it
File can't be edited	<ul style="list-style-type: none"> The file has already been edited and can't be edited again
Memory card error	<ul style="list-style-type: none"> The memory card is not recognized or failed. Replace with a new memory card or format this card again
The memory card is not formatted	<ul style="list-style-type: none"> Format the memory card as described on page 42
Battery exhausted, can't update FW	<ul style="list-style-type: none"> The firmware cannot be updated without enough power. Charge the battery fully before attempting to update FW

Troubleshooting

Problem	Possible causes	Solution
Video camera won't turn on	<ul style="list-style-type: none">• Battery low	<ul style="list-style-type: none">• Charge battery
Video camera turns off suddenly while in operation	<ul style="list-style-type: none">• Battery is discharged	<ul style="list-style-type: none">• Charge battery
Photo is blurred	<ul style="list-style-type: none">• Camera is not steady when pictures are taken	<ul style="list-style-type: none">• Suggest using a tripod
Can't take photos	<ul style="list-style-type: none">• Internal memory or memory card is full• The memory card is not formatted• Still in Playback mode	<ul style="list-style-type: none">• Insert a new memory card, or copy files to PC and delete from memory card• Format the memory card• Return to the shooting mode
Can't record video	<ul style="list-style-type: none">• No memory card or memory card is full• Still in Playback mode	<ul style="list-style-type: none">• Insert a new memory card, or copy files to PC and delete from memory card• Return to the shooting mode

Customer Care

More information on the complete AgfaPhoto digital camera product range can be found at www.reddotimaging.com. / www.agfaphoto.com.

Service & Repair Hotline (USA):

1-855-243-2937 (from a landline only)

Service & Repair (UK):

+44 1908 488676

Online Service / International contact:

customersupport@reddotimaging.com

For repair and service in all other countries, please refer to the warranty pamphlet for additional information.

Manufactured by

RedDot Imaging, 2275 NW 84thAve, Doral, FL 33122.

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